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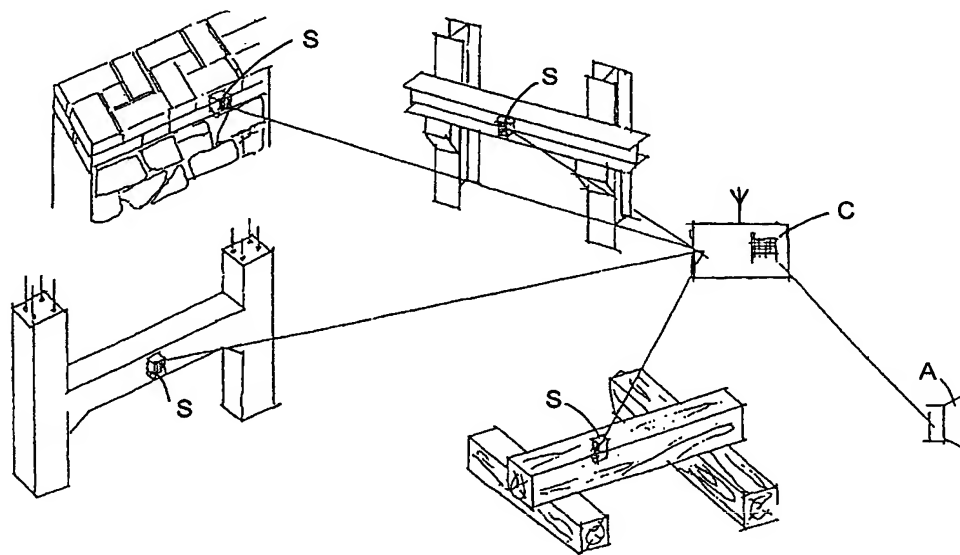
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(54) Title: **BUILDING STRUCTURES MONITORING SYSTEM**



(57) Abstract: System for monitoring the stability status of building structures made of steel, wood, reinforced concrete or other suitable material, comprising, in combination, a management and control station (C) thereto one or more seismic and/or vibrational sensors (S) of known type are connected, respectively calibrated on the band of the yielding characteristic frequencies peculiar to the bearing structure thereto they are fastened, and at least an acoustic and optical signaller (A) which is activated by the management station (C) itself in case said bearing structures be subjected to stresses so as to induce tensions considered dangerous; thus obtaining that, in case of danger, the present personnel could have the time for abandoning the structures which are going to collapse or for intervening if possible.

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